

<b>FORM PTO-1449</b> (Modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)  (37 CFR 1.98(b))	JUL 16 2003 TRADEMARK OFFICE	ATTY. DOCKET NO.: <b>VMware5</b>	SERIAL NO.: <b>09/592,368</b>
		APPLICANT(S): <b>BUGNION, Edouard</b>	
		FILING DATE: <b>12 June 2000</b>	GROUP ART UNIT: <b>2776</b>

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE If appropriate
MAR	AA	6,513,156	01/28/2003	Bak, et al.			
	AB	6,385,718	05/07/2002	Crawford, et al.			
	AC	6,298,434	10/02/2001	Lindwer			
	AD	6,142,682	11/07/2000	Skogby			
	AE	6,075,937	06/13/2000	Scalzi, et al.			
	AF	6,021,469	02/01/2000	Tremblay, et al.			
	AG	6,009,261	12/28/1999	Scalzi, et al.			
	AH	5,918,048	06/29/1999	Mealey, et al.			
	AI	5,896,522	04/20/1999	Ward, et al.			
	AJ	5,835,743	11/10/1998	Zucker			
	AK	5,781,750	07/14/1998	Blomgren, et al.			
	AL	5,778,211	07/07/1998	Hohensee, et al.			
	AM	5,768,593	06/16/1998	Walters, et al.			
	AN	5,504,922	04/02/1996	Seki, et al.			
	AO	5,438,673	08/01/1995	Court, et al.			
	AP	5,437,033	07/25/1995	Inoue, et al.			
	AQ	5,392,409	02/21/1995	Umeno, et al.			
	AR	5,371,879	12/06/1994	Schiffleger			
	AS	5,077,657	12/21/1991	Cooper, et al.			
	AT	5,067,072	11/19/1991	Talati, et al.			
	AU	5,063,499	11/05/1991	Garber			
	AV	5,023,771	06/11/1991	Kishi			
	AW	4,974,159	11/27/1990	Hargrove, et al.			
	AX	4,970,639	11/13/1990	Diefendorf, et al.			
	AY	4,814,975	03/21/1989	Hirosawa, et al.			
	AZ	4,794,522	12/27/1988	Simpson			
	BA	4,456,954	06/26/1984	Bullions, III, et al.			
	BB	4,400,769	08/23/1983	Kaneda, et al.			
MAR	BC	4,253,145	02/24/1981	Goldberg			

EXAMINER <i>Mohammad Siddiqi</i>	DATE CONSIDERED <i>08/17/03</i>
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**EXAMINER:** Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	APPLICANT(S): BUGNION, Edouard		
FILING DATE: 12 June 2000		GROUP ART UNIT: 2776	

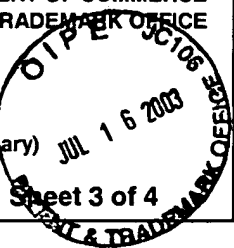
### FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
MAS	BD	0 645 701 A2	03/29/1995	EPO				
	BE	0 337 463 A2	10/18/1989	EPO				
	BF	0 534 597 A2	03/31/1993	EPO				
	BG	0 709 767 A1	05/01/1996	EPO				
	BH	02156334 A (Patent Abstracts of Japan)	06/15/1990	Japan Patent Office				
	BI	02181282 A (Patent Abstracts of Japan)	07/16/1990	Japan Patent Office				
	BJ	02187830 A (Patent Abstracts of Japan)	07/24/1990	Japan Patent Office				
	BK	JP3033937A (see US 5,504,922, Seki, et al., 04/02/1996)	02/14/1991	Japan Patent Office				
	BL	JP3204731A	09/06/1991	Japan Patent Office				
	BM	JP05-216689 (see US 6,385,718, Crawford, 05/07/2002)	08/27/1993	Japan Patent Office				
	BN	07334372 A (Patent Abstracts of Japan)	12/22/1995	Japan Patent Office				
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	BP	08305583 A (Patent Abstracts of Japan)	11/22/1996	Japan Patent Office				

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	APPLICANT(S): <b>BUGNION, Edouard</b>	
	FILING DATE: <b>12 June 2000</b>	GROUP ART UNIT: <b>2778</b>



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MAS	BQ	MacKinnon, R.A., "The changing virtual machine environment: Interfaces to real hardware, virtual hardware, and other virtual machines," IBM Syst. J., vol. 18, No. 1 (1979)
	BR	Hookway, Raymond J, et al., "DIGITAL FX!32: Combining Emulation and Binary Translation," Digital Technical Journal, Vol. 9, No. 1, pp. 3-12 (1997)
	BS	Buzen, J.P., et al., "introduction to VIRTUAL MACHINES," Honeywell Computer Journal," pp. 245-50, date unknown
	BT	Rosenblum, Mendel, et al., "Using the SimOS Machine Simulator to Study Complex Computer Systems," ACM Transactions on Modeling and Computer Simulation, Vol. 7, No. 1, pp. 78-103, January 1997
	BU	Bugnion, Edouard, et al., "Disco: Running Commodity Operating Systems on Scalable Multiprocessors," Stanford University, Computer Systems Laboratory, 1997
	BV	Witchel, Emmett and Rosenblum, Mendel, "Embra: Fast and Flexible Machine Simulation," Sigmetrics '96 5/96 PA/USA, pp. 68-79, 1996
	BW	Bedichek, Robert C., "Talisman: Fast and Accurate Multicomputer Simulation," Sigmetrics '95, Ottawa, Ontario, Canada, pp. 14-24, 1995
	BX	Reinhardt, Steven K., et al., "The Wiscosin Wind Tunnel: Virtual Prototyping of Parallel Computers," ACM Sigmetrics 5/93/CA,USA, pp. 48-60, 1993
	BY	Sites, Richard L., et al., "Binary Translation," Communications of the ACM, Vol. 36., No. 2, pp. 69-81, February 1993
	BZ	Hall, Judith S., et al., "Virtualizing the VAX Architecture," ACM 0-89791-394-9/91/0005/0380, pp. 380-89, 1991
	CA	Intel Corp., "Intel 80386 System Software Writer's Guide," Chapter 9, 1987
	CB	Galley, S.W., "PDP-10 Virtual Machines," Project MAC, Massachusetts Institute of Technology, pp. 30-34, date unknown
	CC	Popek, Gerald J., "Formal Requirements for Virtualizable Third Generation Architectures," Communications of the ACM, Vol. 17., No. 7, pp. 412-421, 1974
	CD	Goldberg, Robert P., "Survey of Virtual Machine Research," Honeywell Information Systems and Harvard University, pp. 34-45, 1974
	CE	Bedichek, Robert, "Some Efficient Architecture Simulation Techniques," Dept. of Computer Science, FR-35, University of Washington, Seattle, Washington, date unknown
MAS	CF	Mallach, Efrem G., "On the Relationship Between Virtual Machines and Emulators," Honeywell Information Systems, Billerica, Massachusetts, pp. 117-26, date unknown

EXAMINER mohammad Siddiqui	DATE CONSIDERED 08/17/03
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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<i>MPS</i>	CG	Deutsch, L. Peter, "Efficient Implementation of the Smalltalk-80 System," ACM 0-89791-125-3/84/001/0297, pp. 297-302, 1983
	CH	Hazzah, Karen, "Writing Windows VxDs and Device Drivers," R&D Books, Lawrence, Kansas, pp. i-iii and 1-18, 1997
	CI	Amdahl Corp., "Millennium 2000A Series servers, General Information Guide," pp. 3-27, 2000
	CJ	Lerche, Robert A. (Amdahl Corp.), "VM/Performance Enhancement Technical Information Exchange," pp. i-iii and 3-12, August 1979
	CK	Doran, Robert W. (Amdahl Corp.), "Amdahl Multiple-Domain Architecture, pp. 20-28, October 1988
	CL	Amdahl Corp., "VM/Performance Enhancement General Information," 1978
	CM	Amdahl Corp., "Product Announcement, Amdahl VM/Performance Enhancement, Product Number 4PV0-P1," 29 November 1978
	CN	Malan, Gerald, et al., "DOS as a Mach 3.0 Application," School of Computer Science, Canegie Mellon University, undated
	CO	Microsoft Corp., "Microsoft Windows/386: Creating a Virtual Machine Environment," Microsoft Systems Journal, Vol. 2., No. 4, September 1987
	CP	Asche, Ruediger R., "The Little Device Driver Writer," web content from <a href="http://www.microsoft.com">www.microsoft.com</a> , pp. 1-22, 03/24/2003
	CQ	Borden, T.L., et al., "Multiple operating systems on one processor complex," IBM Systems Journal, Vol. 28., No. 1, pp. 104-28, 1989
<i>MPS</i>	CR	Amdahl Corp., "VM/Performance Enhancement, Release 3," undated

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